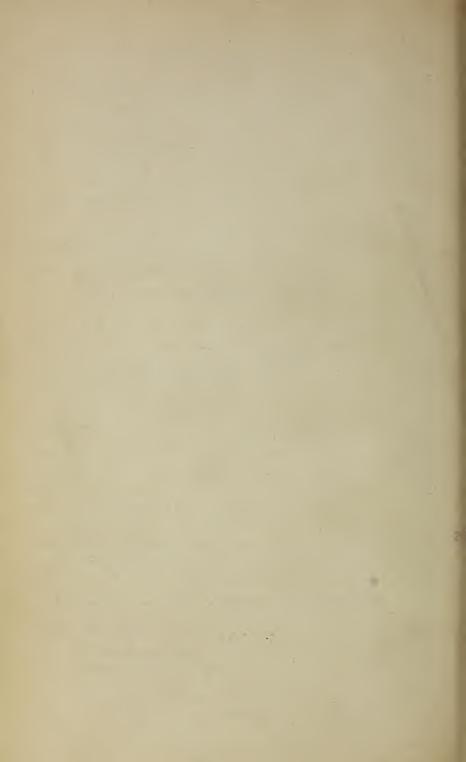
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## U.S. DEPARTMENT OF AGRICULTURE.

## LIBRARY BULLETIN.

APRIL, 1899.

## ACCESSIONS TO THE DEPARTMENT LIBRARY.\*

JANUARY-MARCH, 1899.

Agricultural research association [for the northeast of Scotland]. Proceedings, 1897-98. il. 8°. n.p., [1898-99].

Alabama—Agricultural and mechanical college. Report . . . for the years 1896-97 and 1897-98. 8°. Montgomery, 1898.

Alexander, W. D. Brief history of the Hawaiian people; published by order of the Board of education of the Hawaiian Islands. pp. 347. il. maps. 8°. N. Y., American book co., [°1891].

Almanach de Gotha; annuaire généalogique, diplomatique et statistique, 1899. v. 136. pl. 24°. Gotha, Justus Perthes, n. d.

American Aberdeen-Angus breeders' association. American Aberdeen-Angus herdbook. v. 8. 8°. Davenport, Ia., 1898.

American cranberry growers' association. Proceedings of the 29th annual meeting . . . 1899. 8°. Trenton, Association, 1899.

American Galloway breeders' association. American Galloway herdbook. v. 9. pl. 8°. Independence, Mo., 1899.

American Hereford cattle breeders' association. American Hereford record and Hereford herdbook. pl. 8°. Columbia, Mo., E. W. Stevens, 1899.

American poultry association. American standard of perfection as adopted by the . . . association at its 22d annual meeting . . . 1898; containing a complete description of all the recognized varieties of fowls; edited by J. H. Drevenstedt. pp. 251. 12°. Albany, Association, 1898.

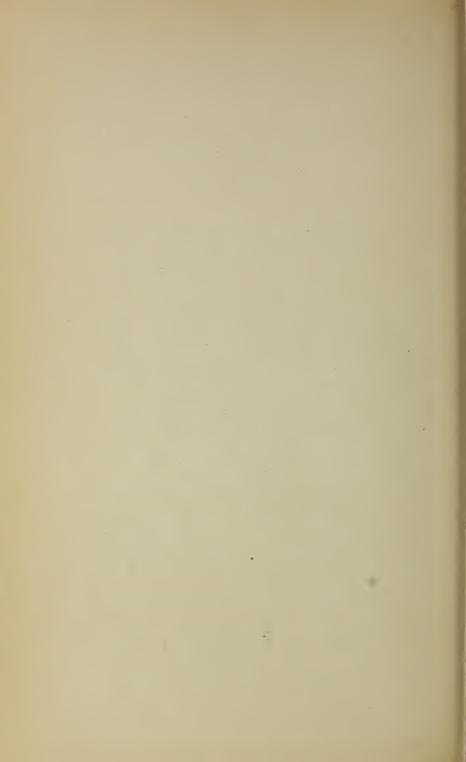
American Shetland pony club. American Shetland pony club studbook. v. 3. 8°. Springfield, Ill., 1898.

André, Édouard. L'art des jardins; traité général de la composition des parcs et jardins. pp. 888. il. pl. 4°. Paris, G. Masson, 1879.

Annaberg-Buchholzer verein für naturkunde. 10. bericht, 29. bis 33. geschäftsjahr, 1894-98. pl. 8°. Annaberg, M. Muschter, 1898.

Annalen der blumisterei, für gärtenbesitzer, kunstgärtner, samenhändler und blumenfreunde . . . herausgegeben von J. E. von Reider. v. 1-12. pl. 8°. Nürnberg, C. H. Zeh, 1826-36.

<sup>\*</sup> Publications of the United States Government are not entered, as these are catalogued fully by the Superintendent of Documents.



Année (L') scientifique et industrielle; ou, Exposé annuel des travaux scientifiques, des inventions et des principales applications de la science à l'industrie et aux arts . . . par Louis Figuier, 1856-90. Années 1-34. pl. 12°. Paris, Hachette & cie., 1857-91.

— Tables des vingt premiers volumes, [1856-76]. pp. 295.  $12^{\circ}$ . Paris, Hachette & cie., 1877.

Annual American catalogue, 1898. 4°. N. Y., Office of Publishers' weekly, 1899.

Annual literary index, 1898... edited by W. I. Fletcher and R. R. Bowker.

pp. 284. 4°. N. Y., Office of Publishers' weekly, 1899.

Arnold arboretum. Annual reports of the director, 1873-74, 1879-81, 1882-83, 1884-86. 8°. Camb., Mass., University press, 1874-87.

Assis-Brazil, J. F. de. Cultura dos campos, noções geraes de agricultura e especiaes de alguns cultivos actualmente mais urgentes no Brasil. pp. 367. 8°. Lisboa, Typographia universal, 1898.

Association of American geologists and naturalists. Reports of the 1st, 2d and 3d meetings . . . [1840-42]; embracing its proceedings and transactions. pl. 8°. Boston, Gould, Kendall & Lincoln, 1843.

Astor library, N. Y. Catalogue; or, Alphabetical index. pt. 1. Authors and books. v. [2-4]. 4°. N. Y., 1853-61.

Contents: - F-Z.

—— Supplement . . . with an alphabetical index of subjects in all the volumes. pp. 605. 8°. N. Y., 1866.

Atkinson, Edward. The wheat-growing capacity of the United States. pp. 18. 8°. [N.Y.]; D. Appleton & co., 1898.

Reprinted from Appleton's popular science monthly for Dec., 1898.

Ayer, N. W., and son. American newspaper annual. pp. 1517. 8°. Phila., N. W. Ayer & son, 1899.

Azambuja, Graciano A. de, compiler. Annuario do estado do Rio Grande do Sul para o anno de 1899. v. 15. 12°. Porto Alegre, 1898.

Bailey, Liberty Hyde, editor. Principles of agriculture; a text-book for schools and rural societies. pp. 300. il. 12°. N. Y., Macmillan co., 1898. (Rural science scries.)

Bailey, Liberty Hyde. Pruning-book; a monograph of the pruning and training of plants as applied to American conditions. pp. 537. il. 16°. N. Y., Macmillan co., 1898.

Bailey, Liberty Hyde. Sketch of the evolution of our native fruits. pp. 472. il. pl. 8°. N.Y., Macmillan co., 1898.

Baltimore—Health department. Annual report, 1898. 89. Baltimore City, 1899.

Baluchistan—Forest department. Progress report of forest administration in Baluchistan for 1896-97. fo. Calcutta, 1898.

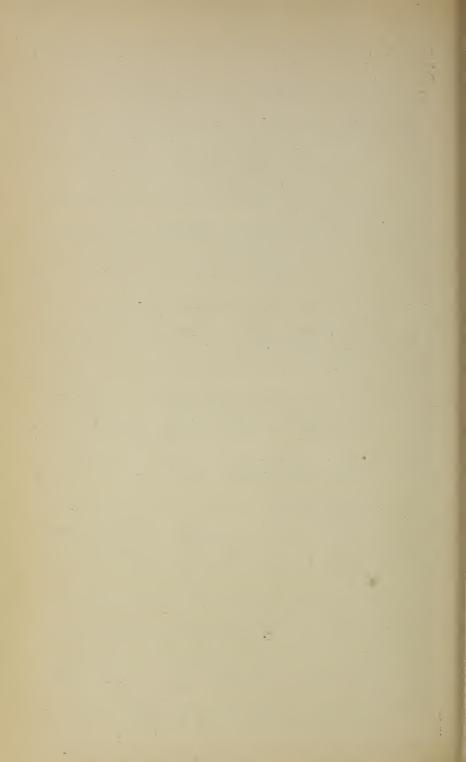
Bancroft company, N. Y., publishers. Evolution of a library. pp. 28. il. 16°. N. Y., 1898.

Banerjei, N. N. Monograph on the cotton fabrics of Bengal. pp. 61. il. 8°. Calcutta, Bengal Secretariat press, 1898.

Barbosa Rodrigues, João. Plantae Mattogrossenses; ou, Relação de plantas novas, collidas, classificadas e desenhadas. pp. 43. pl. 13. 4°. Rio de Janeiro, Leuzinger, 1898.

Barbosa Rodrigues, João. Plantas novas cultivadas no Jardim botanico do Rio de Janeiro, descriptas, classificadas e desenhadas. no. 6. pl. 4°. Rio de Janeiro, Leuzinger, 1898.

Barth, Heinrich. Reisen und entdeckungen in Nord- und Central-Afrika, in . . . 1849-55. 2 v. il. pl. maps. 8°. Gotha, Justus Perthes, 1859-60.



Bartley, Elias Hudson. Manual of clinical chemistry. pp. 150. il. 8°. Phila., P. Blakiston's son & co., 1899.

Bartley, Elias Hudson. Text-book of medical and pharamaceutical chemistry. Ed. 5 enl. pp. 738. il 8°. Phila., P. Blakiston's son & co., 1898.

Beal, William James. Seed dispersal. pp. 87. il. 12°. Boston, Ginn & co., 1898.

Beddard, Frank Evers. Structure and classification of birds. pp. 548. il. 8°. Lond., Longmans, Green & co., 1898.

Belgium—Agriculture et des travaux publics, Ministère de l'—Agriculture, Administration de l'. Exposé statistique de la situation des associations d'intérêt agricole pendant l'année 1897. pp. 70. 8°. Bruxelles, Government, 1898.

Belgium—Intérieur et de l'instruction publique, Ministère de l'. Annuaire statistique de la Belgique, 1897. v. 28. 8°. Bruxelles, Government, 1898.

Bender, Adolf, and Erdmann, Hugo. Chemische präparatenkunde. 2 v. il. 8°. Stuttg., Ferdinand Enke, 1893-94.

Contents:-v. 1. Anleitung zur darstellung anorganischer präparate; von Adolf Bender.-v. 2. Anleitung zur darstellung organischer präparate; von Hugo Erdmann.

Berlese, Antonio N., and Voglino, Pietro. Sopra un nuovo genere di funghi sferopsidei. pp. 32. 8°. Padova, Prosperini, 1886.

Bibliographie der deutschen zeitschriften-litteratur . . . herausgegeben . . . von F. Dietrich, 1897. v. 2. 4°. Leipz., Fr. Andrä's nachfolger, 1898.

Bibliophile (Le) belge. v. 1-9. il. pl. 8°. Bruxelles, 1845-52. v. 7-9, title reads: Bulletin du bibliophile belge.

Blanchan, Neltje, pseud. of Mrs. Nellie Blanchan (De Graff) Doubleday. Birds that hunt and are hunted; life histories of 170 birds of prey, game birds, and waterfowls. pp. 359. pl. 48. 4°. N. Y., Doubleday & McClure co., 1898.

Blanchon, H. L. Alph. L'art de détruire les animaux nuisibles. pp. 300. il. 12°. Paris, J. B. Baillière & fils, 1899. (BIBLIOTHÈQUE des connaissances utiles.)

Boëry, Pascal. Les plantes oléagineuses et leurs produits, huiles et tourteaux; les plantes alimentaires des régions intertropicales; cacao, café, canne à sucre, etc. pp. 160. il. 12°. Paris, J. B. Baillière & fils, 1888. (Petite bibliothèque scientifique.)

Boitard, Pierre. Le Jardin des plantes; descriptions et mœurs des mammifères de la ménagerie et du Muséum d'histoire naturelle. pp. 472. il. pl. 4°. Paris, J. J. Dubochet, 1845.

Bolas, Thomas. Glass blowing and working for amateurs, experimentalists, and technicians. pp. 212. il. 1 pl. 12°. Lond., Dawbarn & Ward, 1898.

Bolau, Hermann. Die typen der vogelsammlung des Naturhistorischen museums zu Hamburg. pp. 27. 4°. Hamb. Lucas Gräfe & Sillem, 1898.

Bonnet, Henri. La truffe: études sur les truffes comestibles, au point de vue botanique, entomologique, forestier et commercial. pp. 144. 8°. Paris, Adrien Delahaye, 1869.

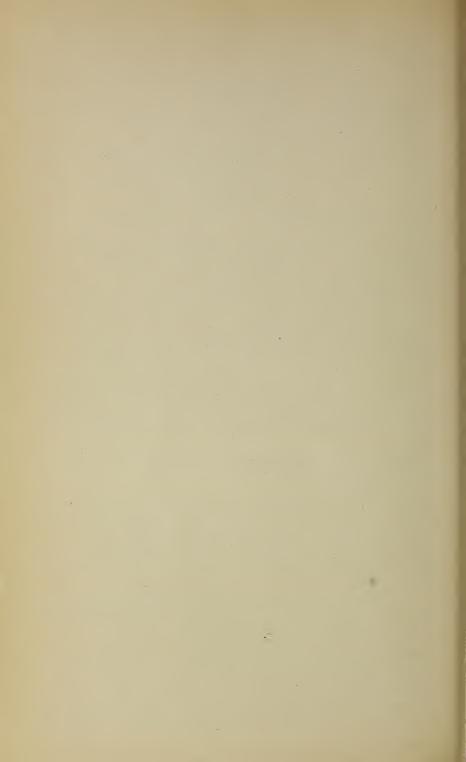
Bornemann, Georg. Die fetten und di flüchtigen œle des pflanzen- und tierreiches . . . 5te auflage von Fontenelles Handbuch der œlfabrikation in vollständiger neubearbeitung. v. 1. pp. 313. pl. 12. Text 8°, atlas 4°. Weimar, B. F. Voigt, 1889. (Neuer schauplatz der künste und handwerke. v. 36.)

Contents:-v. 1. Die fetten œlen des pflanzen- und tierrecihes.

Boston—Commerce, Chamber of. 30th annual report . . . for the year ending Dec. 31, 1898. 8°. Boston, Chamber of commerce, 1899.

Boston—Parks, Department of. 15th annual report . . . 1889. pl. maps. 8°. [Boston], City, 1890.

Boston—Public library. Annual lists of new and important books added to the ... library ... selected from the Monthly bulletins, 1897-98. 8°. Boston, 1899.



Boulenger, G. A. Matériaux pour la faune du Congo; poissons nouveaux. Tome 1, fasc. 1-2. pl. f°. Bruxelles, Charles Vande Weghe, 1898.

Bouquet de la Grye, A. Guide du forestier. Ed. 9-10. 2 v. 16°. Paris, 1892-98. Contents:—v. 1. Éléments de sylviculture.—v. 2. La surveillance des forêts.

Boyd's directory of the District of Columbia, 1899. pp. 1147. 8°. Wash., William H. Boyd, [1899].

Brasch, R. Kritische betrachtungen über ernährung, stoffwechsel und Kissinger kuren. pp. 136. 12°. Wiesbaden, J. F. Bergmann, 1898.

British catalogue . . . titles of all the new books, new editions, and pamphlets published during . . . 1858-59, [and index]. 8°. Lond., Sampson Low, son & co., n. d.

Brooks, William Keith. Foundations of zoology. pp. 339. 8° N.Y., Macmillan co., 1899. (Columbia university biological series. v. 5.)

Bruce, Robert. Food supply; a practical handbook for the use of colonists and all intending to become farmers abroad or at home; with an appendix on preserved and concentrated foods, by C. A. Mitchell. pp. 159. il. 12°. Lond., Charles Griffin & co., 1898. ("New land" series.)

Brunswick, Ger. (duchy)—Statistiches bureau. Beiträge zur statistik des herzogthums Braunschweig. heft 13. fo. n. p., 1898.

Bure, Guillaume François de. Bibliographie instructive; ou, Traité de la connaissance des livres rares et singuliers. [7 v.] 12°. Paris, Author, 1763-68.

Contents: Volume de théologie. Volume de jurisprudence et des sciences et arts. Belles lettres, 2 v. Histoire, 3 v.

— — Supplément . . . ou, Catalogue des livres du cabinet de L. J. Gaignat. 2 v. 12°. Paris, Author, 1769.

California—Controller. Biennial report... for the 48th fiscal year, ending June 30, 1897, and the 49th fiscal year, ending June 30, 1898. 8°. Sacramento, State, 1899.

California horticulturist and floral magazine, 1879. v. 9. pl. 8°. San Fran., John H. Carmany & co., [1879].

California—Public works, Commissioner of. Reports 1893-96. 8°. Sacramento, State, 1894-96.

California—Surveyor-general. Reports . . . from Aug. 1, 1894, to Aug. 1, 1898. 8°. Sacramento, State, 1896-99.

Canada—Agriculture, Department of. Statistical year-book of Canada for 1897. v. 13. 8°. Ottawa, Government, 1898.

Card, Fred. W. Bush-fruits; a horticultural monograph of raspberries, black-berries, dewberries, currants, gooseberries, and other shrub-like fruits. pp. 537. il. 12°. N. Y., Macmillan co., 1898. (Rural science series.)

Carnegie museum, Pittsburgh. Annual report of the director for the year ending March 31, 1898. pl. 8°. [Pittsburgh], 1898.

Chemisches centralblatt [weekly], Jan. 2, 1836-Dec. 31, 1873. Jahrg. 7—3te folge, jahrg. 4. 8°. Leipz., Leopold Voss, [1836]-73.

Wanting jahrg. 20-24, 1849-53; n. f., jahrg. 14, 1869; 3te folge, jahrg. 3, 1872.

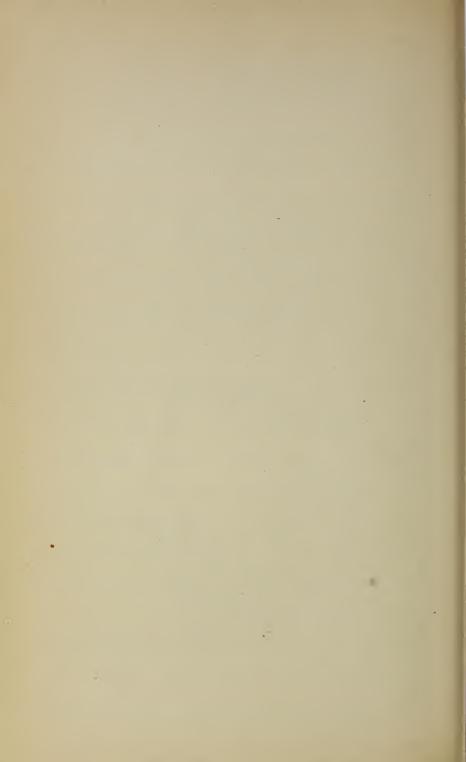
1836-48, title reads: Pharmaceutisches central-blatt.

1854-55, title reads: Chemisch-pharmaceutisches central-blatt.

Chenu, Jean Charles. Ornithologie du chasseur; histoire naturelle, mœurs, habitudes, chasse, des oiseaux de plaine, de bois et de marais. pp. 168. pl. 50. 4°. Paris, J. Rothschild, 1870.

Chicago academy of sciences. 40th annual report . . . 1897. pl. 8°. Chicago, 1898.

Chile—Estadística, Oficina central de. Sinopsis estadística y geográfica de Chile en 1880-81, 1884-85. 8°. Santiago de Chile, Government, 1882-86.



Chipman, B. W. Nova Scotia, its agricultural resources. pp. 40. 8°. Halifax, N. S., Secretary for agriculture, 1898.

Chipman, Marshall Mead. Development of botany in California. pp. 7. 8°. San Fran., W. A. Woodward & co., [1891].

Read before the Medical society of California, April, 1891, and reprinted from its Transactions.

Cincinnati—Park commissioners. Annual reports, 1873-75. 8°. Cincinnati, 1874-76.

Clarke, W. H., compiler. Farmers and fruit-growers' guide. Ed. 3. pp. 495. il. pl. 8°. Sydney, Government, 1898.

Classen, Alexander, and Löb, Walter. Quantitative chemical analysis by electrolysis; authorized translation, 3d English from the revised and greatly enlarged 4th German edition by W. H. Herrick and B. B. Boltwood. pp. 301. il. 8°. N. Y., John Wiley & sons, 1898.

Clément, A. L. Apiculture moderne. [Ed. 4.] pp. 149. il. 8°. Paris, Librairie Larousse, n. d.

Clément, A. L., and Troncet, L. J. Les animaux de France, utiles ou nuisibles. pp. 170. il. 8°. Paris, Librairie Larousse, n. d.

Cobden club. Official report of annual meeting of members, 1898. 12°. n.p., Cobden club, 1898.

Cockerell, Thedore Dru Allison. Catálogo de las abejas de México. pp. 20. 8°. México, Secretaría de Fomento, 1899.

Cole, S. W. American veterinarian; or, Diseases of domestic animals. pp. 288. il. 16°. Boston, John P. Jewett & co., 1847.

Colorado—Agriculture, State board of. 20th annual report of the State board of agriculture and the State agricultural college, including the 11th annual report of the Agricultural experiment station, 1898. pl. 8°. Denver, State, 1899.

Colorado—State engineer. 9th biennial report . . . for the years 1897 and 1898. pl.  $8^{\circ}$ . Denver, State, 1899.

Colorado—State historical and natural history society. History, constitution, and by-laws of the Department of natural history of the . . . society. pp. 16. 8°. Denver, W. F. Robinson printing co., 1897.

Connecticut academy of arts and sciences. Memoirs. v. 1, pt. 1. 8°. New Haven, Oliver Steele & co., 1810.

Connecticut—Labor statistics, Bureau of. 14th annual report... for the year ending Nov. 30, 1898. 8°. Norwich, State, 1898.

Connecticut—Railroad commissioners. 46th annual report, 1898. map. 8°. Hartford, State, 1898.

Includes laws relating specially to railroads.

Cook, Capt. James. Voyage to the Pacific Ocean undertaken... for making discoveries in the Northern hemisphere, to determine the position and extent of the west side of North America, its distance from Asia, and the practicability of a northern passage to Europe, performed...in... 1776-80. 3 v. and atlas. Text, 4°, atlas, f°. Lond., W. Strahan, 1794.

v. 3, by Capt. James King.

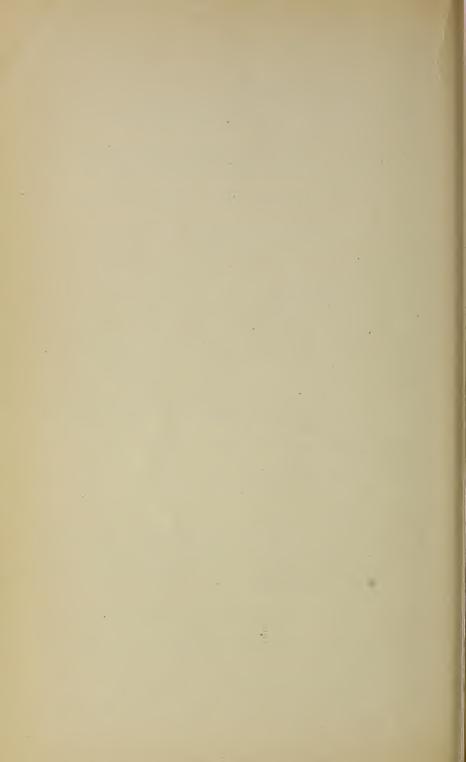
Cook, Capt. James. Voyage towards the South Pole and round the world, performed in . . . 1772-75. 2 v. pl. maps. 4°. Lond., W. Strahan, 1777.

Cooley, Arnold James. Complete practical treatise on perfumery, being a hand-book of perfumes, cosmetics, and other toilet articles. pp. [424]. 12°. Phila., Henry Carey Baird, 1874.

Reprinted from Cooley's Toilet and cosmetic arts.

Cornell university. Library bulletin, Jan., 1882-April, 1896. v. 1-3. 8°-Ithaca, N. Y., 1886-96.

Cornell university. Register, 1898-99. 12°. Ithaca, N. Y., University, [1898].



Crouzel, E. Les parasites du saule; moyens pratiques de défense. pp. 36. 12°. Paris, Société d'éditions scientifiques, 1897.

Davy, Humphry. Elements of agricultural chemistry, in a course of lectures for the Board of agriculture; to which is added, A treatise on soils and manures... by a practical agriculturist. pp. 304 + 92. pl. 8°. Phila., B. Warner, M. Carey & son, 1821.

Debains, Alfred. Instructions pratiques sur l'utilité et l'emploi des machines agricoles sur le terrain. v. [1-3]. il. 8°. Paris, Société d'éditions scientifiques, 1893-95.

Contents:-v. [1]. Préparation mécanique du sol.-v. [2]. Semailles.-v. [3]. Récoltes.

Debierre, Charles. L'hérédité normale et pathologique. pp. 40. 8°. Paris, Masson & cie., 1897. (L'ŒUVRE MÉDICO-CHIRURGICALE. no. 4.)

Denmark—Kgl. veterinær- og landbohøjskole—Laboratorium for landøkonomiskeforsøg. Beretning, 41-42. 8°. Kjøbenhavn, 1898-99.

Denmark—Statistisk bureau. Statistisk aarbog, 1898. Aargang 3. 8°. Kjøbenhavn, Government, 1898.

Denmark—Statistisk bureau. Statistisk tabelvaerk. ser. 5, lettre D, no. 1-2. f°. Kjøbenhavn, Government, 1898.

Contents:—no. 1. La marine marchande et la navigation du Danemark, 1897.—no. 2. Importation et exportation du Danemark en 1897.

Denton, S. F. Moths and butterflies of the United States, east of the Rocky Mountains. section 5. il. pl. 8°. Boston, Bradlee Whidden, 1898.

Desmarest, Anselm Gaëtan. Mammalogie; ou, Description des espèces de mammifères. 2 v. 4°. Paris, Mme. veuve Agasse, 1820-22.

Detroit—Health, Board of. 17th annual report . . . for the year ending June 30th, 1898. 8°. Detroit, n.d.

Dettweiler, Fr. Die bedeutung der ziegenzucht, ihr zustand und die mittel zu ihrer hebung. pp. 15. 8°. Bremen, M. Heinsius nachfolger, 1892.

Deutsche gesellschaft für natur-und Völkerkunde Ostasiens. Mittheilungen. bd. 7, theil 1. 8°. Tokyo, 1898.

Dresden, Königliches zoologisches und anthropologisches museum in. Catalog der handbibliothek. pp. 287. 8°. Berl., R. Friedländer, 1898.

Dubor, G. de. Viticulture moderne. [Ed. 2.] pp. 156. il. 8°. Paris, Librairie Larousse, n. d.

Duclaux, Pierre Émile. Traité de microbiologie. v. 2. 8°. Paris, 1899.

Duluth (Minn.)—Trade, Board of. Annual report . . . of the trade and commerce of Duluth for the year ending Dec. 31, 1897. 8°. Duluth, Board of trade, 1898.

Eisbein, C. J. Die kleinen feinde des zucker-rübenbaues. pp. 86. pl. 16. 12°. [Berl.], J. Kieschke, 1882.

[Emerson, George Barrell.] Report on the trees and shrubs growing naturally in the forests of Massachusetts; published agreeably to an order of the Legislature, by the Commissioners on the zoological and botanical survey of the State. pp. 547. pl. 8°. Boston, Charles C. Little & James Brown, 1850.

Engelmann, George. Synopsis of the American firs (Abies Link). pp. 10. 8°. St. Louis, 1878.

From the Transactions of the Academy of science of St. Louis, v. 3, no. 4.

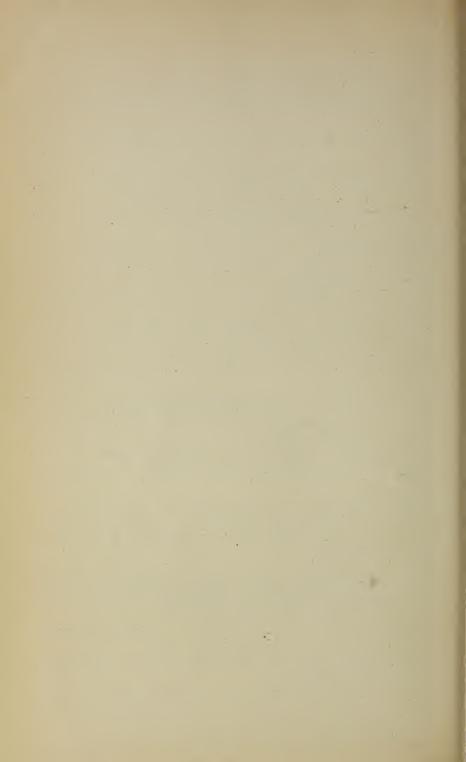
English catalogue of books, Jan., 1835-Dec., 1897. v. 1-5. 8°. Lond., Sampson Low, Marston & co., 1864-98.

v. 1-3, 1835-80, compiled by Sampson Low.

—— Index, 1837-Dec., 1889. v. [1]-4. 8°. Lond., Sampson Low, Marston & co., 1858-93.

v. 1-3, 1837-80, compiled by Sampson Low.

Index for 1890-97 included in v. 5 of catalogue in one alphabet with titles.



English catalogue of books [annual], 1860-64, 1890-97. 8°. Lond., Sampson Low, Marston & co., 1861-98.

Fayet, Henri. Les engrais au village; guide pratique. [Ed. 4.] pp. 200. 8°. Paris, Librairie Larousse, n. d.

Finland—Government. Handel och sjöfart. no. 17. 4°. Helsingfors, Government, 1898. (Bidrag till Finlands officiella statistik. [series] 1.)

Contents: Finlands handel och sjöfart på Ryssland och utrikes orter sampt uppbörden vid tullverket år 1897.

Finland—Government. Sparbanks-statistik. no. 7. 4°. Helsingfors, Government. 1898. (Bidrag till Finlands officiella statistik. [series] 7, a.)

Contents:—Sparbanksinspektörens underdåniga berättelse jemte öfversigt öfver sparbankernas tillstånd och förvaltning år 1897.

Finsch, Otto. Über naturprodukte der westlichen Südsee, besonders der deutschen schutzgebiete. pp. 23. 8°. Berl., Deutscher kolonialverein, 1887. (Beiträge zur förderung der bestrebungen des Deutschen kolonialvereins. heft 7.)

Separatabdruck aus der Deutschen kolonialzeitung.

Finska vetenskaps-societeten. Öfversigt af förhandlingar, 1896-97. v. 39. 8°. Helsingfors, 1897.

Flagg, Charles O. Experimental work conducted at the Rhode Island experiment station with the nitrate of soda or Chile salt-peter as a fertilizer upon acid soils. pp. 67. 8°. N.Y., Unz & co., 1898.

Flower, William Henry, editor. Memoirs on the Cetacea; by . . . Eschricht Reinhardt and Lilljeborg. pp. 312. pl. 6. f°. Lond., Ray society, 1866. (RAY SOCIETY. [Publications.])

Fokker, M., compiler. Zelandia illustrata; verzameling van kaarten, portretten, platen, enz., betreffende de oudheid en geschiedenis van Zeeland, toebehoorende aan het Zeeuwsch genootschap der wetenschappen. Ed. 2. pp. 45. 8°. Middelburg, J. C. & W. Altorffer, 1897.

Fontecilla, Agapito. Breve tratado sobre el cultivo y beneficio de la vainilla. Ed. 2. pp. 65. pl. 4. 8°. México, Secretaría de fomento, 1898. (BIBLIOTECA agrícola de la Secretaría de fomento.)

France—Commerce, de l'industrie, des postes et des télégraphes, Ministère du. Annuaire statistique de la France, 1898. v. 18. 4°. Paris, Government, 1898.

France—Commerce, de l'industrie, des postes et des télégraphes, Ministère du.—Travail, Office du. Statisque générale de la France; statistique annuelle, 1896. v. 26. 4°. Paris, Government, 1898.

Fruit recorder and cottage gardener, [monthly], Jan., 1875-May, 1882. v. 7-14, no. 5. il. f°. Rochester, N. Y., 1875-82.

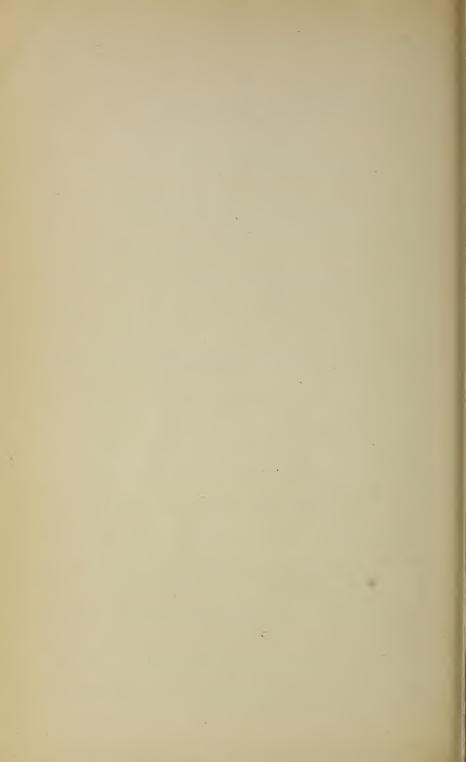
Ganglbauer, Ludwig. Die käfer von Mitteleuropa. v. 3, pt. 1. il. 4°. Wien, Carl Gerold's sohn, 1899.

Ganguillet, E., and Kutter, W. R. General formula for the uniform flow of water in rivers and other channels; translated from the German, with . . . additions . . . by Rudolph Hering and J. C. Trautwine. Ed. 2. pp. 240. pl. 8<sup>3</sup>. N. Y., John Wiley & sons, 1893.

Geoffroy Saint-Hilaire, Isidore. Muséum d'histoire naturelle de Paris; catalogue méthodique de la collection des mammifères. Primates. pp. 96. 8°. Paris, Gide & Baudry, 1851.

Ghent, Laboratoire d'analyses de l'état, à Gand. Exposé des cultures expérimentales instituées . . . pendant l'année culturale 1896-97. 8°. Gand, E. & S. Gyselynck, n. d.

Gilchrist, Douglas A. Field experiments on the manuring of mangels. pp. 7. 8°. Winchester, [Eng.], Jacob & Johnson, 1898.



Gill, Augustus H. Short hand-book of oil analysis. pp. 139. il. 8°. Phila., J. B. Lippincott co., 1898.

Gilpin, E. Ores of Nova Scotia; gold, lead, and copper. pp. 46. map. 8°. Halifax, Commissioner of public works and mines, 1898.

Glucose in confectionery; a statement from the National confectioners' association of the United States; report from the National academy of sciences; letter from Dr. Cyrus Edson. pp. 11. 16°. Phila., Confectioners' journal print, 1898.

Gmelin, Albert. Die biene, von der urwelt bis zur neuzeit. pp. 83. il. 85. Stuttg., Eugen Ulmer, 1899.

Gosse, Philip Henry. Natural history. Mammalia. pp. 302. il. 16°. Lond., Society for promoting Christian knowledge, 1848.

Grassauer, Ferdinand, editor. Generalkatalog der laufenden periodischen druckschriften an den österreichischen universitäts- und studienbibliotheken, den bibliotheken der Technischen hochschulen, der Hochschule für bodencultur, des Gymnasiums in Zara, des Gymnasialmuseums in Troppau und der Handels- und nautischen akademie in Triest; herausgegeben . . . von der K. k. universitätsbibliothek in Wien. pp. 796. 8°. Wien, B. Herde, 1898.

Gray, Samuel Frederick. Natural arrangement of British plants, according to their relations to each other, as pointed out by Jussieu, De Candolle, Brown, &c. 2 v. pl. 8°. Lond., Baldwin, Cradock & Joy, 1821.

Great Britain—Trade, Board of. Statistical abstract for the several colonial and other possessions of the United Kingdom, in each year from 1883 to 1897. no. 35. 8°. Lond., Government, 1898.

Greene, Charles S. University of California. pp. 16. il. 4°. San Fran., Brown, Messe & Craddock, 1898.

From Overland monthly, May, 1898.

Grete, A. Die Schweizerische agrikultur-chemische untersuchungsstation Zürich, ihre einrichtung und thätigkeit; jahres-bericht von 1878-1897 inkl. pp. 134. 8°. n. p., 1898.

Separat-abdruck aus dem Landwirtschaftl. jahrbuch, 1898.

Guatemala—Estadística, Dirección general de. Anuario; estadística agrícola y forestal, patentes y marcas de fábrica, puentes y caminos, comercio, correos, [1894]. pp. 648. 4°. Guatemala, Government, 1898.

Guatemala—Estadística, Dirección general de. Informe . . . presentado al Ministerio de fomento. 1898. 8°. Guatemala, n. d.

Haig, Alexander. Diet and food, considered in relation to strength and power of endurance, training, and athletics. pp. 86. 12°. Lond., J. & A. Churchill, 1898.

Hamburg, Handelskammer. Jahresbericht über das jahr 1898. 8°. Hamb., n. d.

Hamilton, Canada—Public library. 10th annual report . . . for the year 1898. pl. 8°. Hamilton, n. d.

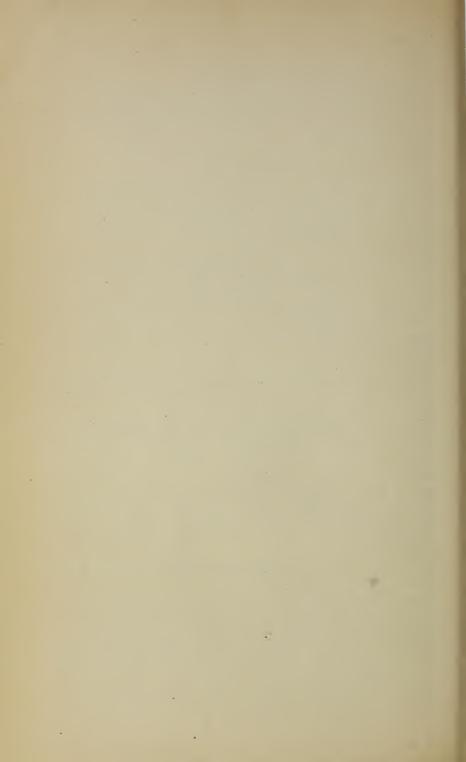
Hammarsten, Olof. Text-book of physiological chemistry . . . authorized translation from the . . . 3d German edition, by J. A. Mandel. Ed. 2. pp. 705. 8°. N. Y., John Wiley & Sons, 1898.

Hartig, Robert. Timbers and how to know them; translated from the 3d German edition by William Somerville. pp. 83. il. 16°. Edinb., David Douglas, 1890.

Harvard university. Catalogue, 1898-99. 12°. Camb., University, 1899.

Haselhoff, E. Die landwirtschaftliche futtermittel, ihr futterwert und ihre verwendung, nebst anleitung zur aufstellung von futterrationen für die landwirtschaftlichen nutztiere. pp. 173. 8°. Neudamm, J. Neumann, 1898. (J. NEUMANN'S landwirtschaftliche büchersammlung.)

Hawkesbury agricultural college and experimental farm. Annual report, 1896-97. 8°. Sydney, Government, 1897.



Hawkesworth, John, compiler. Account of the voyages undertaken...for making discoveries in the Southern hemisphere. 3 v. pl. maps. 4°. Lond., W. Strahan, 1773.

Contents:—v. 1. Commodore Byron's voyage.—Capt. Wallis's voyage.—Capt. Carteret's voyage.—v. 2-3. Cook's voyage.

Hempel, Gustav, and Wilhelm, Karl. Die bäume und sträucher des waldes, in botanischer und forstwirthschaftlicher beziehung. lief. 17. il. pl. f°. Wien & Olmütz, Ed. Hölzel, [1898].

Hillside agricultural society. Annual report, transactions, 1898. 8°. West Cummington, Mass., 1899.

Hirschberg, Henri. Der zucker als nahrungs- und heilmittel. pp. 62. 8°. Jena, Hermann Castenoble, 1889.

**Hoff**, Jakobus Hendrikus van 't. Studies in chemical dynamics, revised . . . by Ernst Cohen . . . translated by Thomas Ewan. pp. 286. il. 4°. Amsterdam, Frederik Muller & co., 1896.

Holland, William J. Butterfly book; a popular guide to a knowledge of the butterflies of North America. pp. 382. il. pl. 48. 4°. N. Y., Doubleday & McClure co., 1898.

Hollopeter, W. C. Hay-fever and its successful treatment. pp. 137. 12°. Phila., P. Blackinston's son & co., 1898.

Home, F. J. Report on the prospects of irrigation and water-conservation in New South Wales. pp. 29. f°. Sydney, Government, 1897.

Hörmann, Georg. Studien über die protoplasmaströmung bei den Characeen. pp. 79. il. 8°. Jena, Gustav Fischer, 1898.

Illinois—Farmers' institute. Annual report . . . with reports of county farmers' institutes for the year 1896-98. 8°. Springfield, State, 1896-98.

Illinois state laboratory of natural history. Biennial report of the director for 1897-98. pl. 8°. Urbana, 1898.

Illustration (L') horticole; revue mensuelle des serres et des jardins, 1867-75. v. 14-22 (ser. 2, v. 4; ser. 3, v. 6). pl.  $4^{\circ}$ . Gand, 1867-75.

Index to current literature for the year . . . 1859. 8°. Lond., Sampson Low, son & co., 1860.

India—Andaman Islands—Forest department. Progress report of forest administration in the Andamans for 1896-97. fo. n. p., 1898.

India—Assam—Forest department. Progress report of forest administration in the province of Assam for . . . 1896-97. f°. Calcutta, Government, 1897.

India—Assan—Land records and agriculture, Department of. Annual report . . . for 1897-98. fo. Shillong, Government, 1898.

India—Bengal—Land records and agriculture, Department of. Annual report of the Burdwan experimental farm for 1897-98. 8°. Calcutta, 1898.

India—Bengal—Land records and agriculture, Department of. Annual report of the Dumraon experimental farms for 1897-98. 8°. Calcutta, 1898.

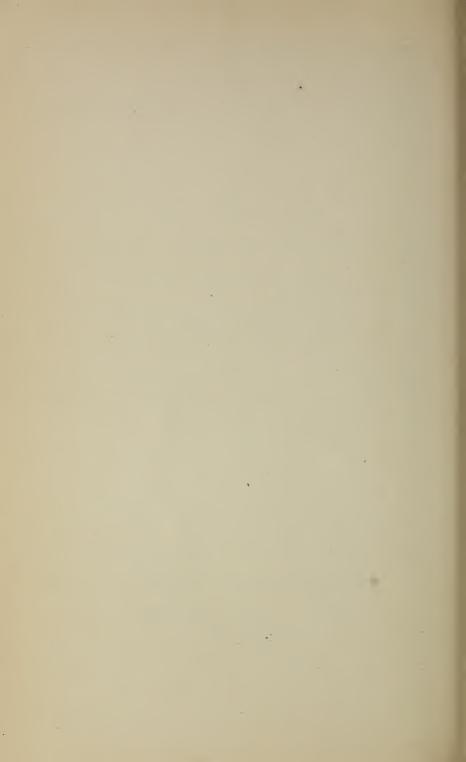
India—Bengal—Land records and agriculture, Department of. Annual report of the Shibpur experimental farm for 1897-98. 8°. Calcutta, 1898.

India—Bombay presidency—Agriculture, Deputy director of. Annual report by the Deputy director . . . being an account of the cultural, dairying, and breeding operations conducted on the governmental farms at Poona and Surat . . . 1897-98. f°. Bombay, Government, 1898.

India—Bombay presidency—Land records and agriculture, Department of. Crop experiments, 1897-98. for. n.p., [1898].

India—Central Provinces—Agriculture, Department of. Report on the Nagpur experimental farm . . . for the year 1897-98. f°. Allahabad, Pioneer press, 1898.

18303-No. 27-2



India-Forest department. Progress report of the Forest survey branch for 1897-98. f°. Calcutta, Government, 1899.

India—Madras—Government, Revenue department. Ground-nut crop. pp. 14. fo. n. p., 1898.

India—Northwestern Provinces and Oudh—Government. Returns of the rail and river-borne traffic of the Northwestern Provinces and Oudh for the quarter ending 30th Sept., 1898. f°. Allahabad, Government, 1898.

India—Northwestern Provinces and Oudh—Land records and agriculture, Department of.

Annual report of the inland trade of the Northwestern Provinces and Oudh, for the year ending 31st March, 1898. f°. Allahabad, Government, 1898.

India—Northwestern Provinces and Oudh—Land records and agriculture, Department of. Report on the arboricultural operations for the year ending March 31st, 1898. fo. Allahabad, Government, 1898.

India—Northwestern Provinces and Oudh—Land records and agriculture, Department of. Report on the Cawnpore experimental farm . . . 1897-98. f°. Allahabad, Government, 1898.

Inman, Henry. Old Santa Fé trail, the story of a great highway. pp. 493. il. pl. 8°. N.Y., Macmillan co., 1898.

Iowa state horticultural society. Forestry annual, 1879. no.5.  $8^{\circ}$ . Des Moines, 1879.

Iowa state horticultural society. Report . . . for the year 1898. v.33. 8°. Des Moines, State, 1899.

Irmisch, Thilo. Beiträge zur vergleichenden morphologie der pflanzen. Abt. 1-6. pl. 4°. Halle, H. W. Schmidt, 1854-79.

Jahresbericht über das veterinärwesen in Ungarn . . . bearbeitet von Franz Hutyra. jahrg. 9. 8°. Budapest, 1898.

Jahresbericht über die fortschritte der thier-chemie oder der physiologischen und pathologischen chemie, 1897. v. 27. 8°. Wiesb., J. F. Bergmann, 1898.

Jahresbericht über die verbreitung von thierseuchen im Deutschen reiche, 1897. jahrg. 12. pl. 4°. Berl., Julius Springer, 1898.

Jones, John Matthew. The naturalist in Bermuda; a sketch of the geology, zoology, and botany... together with meteorological observations. pp. 200. il. maps. 8°. Lond., Reeves & Turner, 1859.

Kamberský, Otto. Landwirthschaftliche versuchsstationen und samenzüchtereien in Deutschland, Holland, Dänemark, und Skandinavien. pp. 97. il. 8°. Troppau, [1894].

Kansas—Agriculture, State board of. 11th biennial report, for the years 1897-98. il. 8°. Topeka, State, 1899.

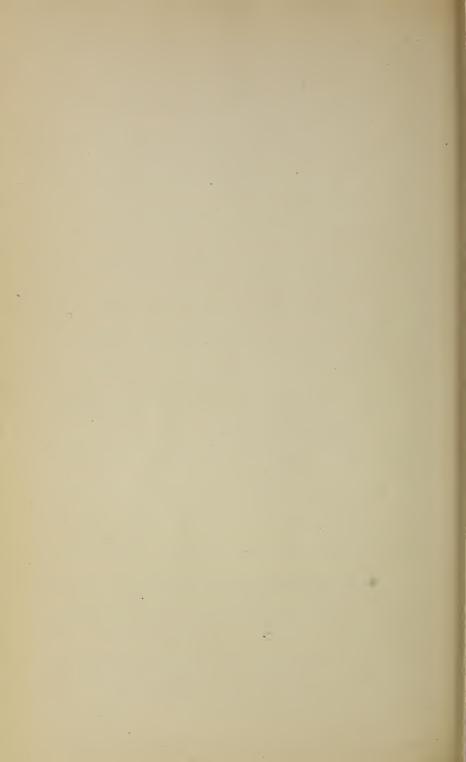
Kansas—Coal mines, Inspector of. 10th annual report . . . 1897. pl. 8°. Topeka, State, 1898.

Karlsruhe, Grossherzogliche badische technische hochschule zu. Programm für das schuljahr 1898-99. 8°. Karlsruhe, Malsch & Vogel, 1898.

Kauschinger, G. Protection of woodlands against dangers arising from organic and inorganic causes, as rearranged for the 4th edition of Kauschinger's Waldschutz by Hermann Fürst...translation...by John Nisbet. pp. 252. 8°. Edinb., David Douglas, 1893.

Kirchner, Oskar. Die krankheiten und beschädigungen unserer landwirthschaftlichen kulturpflanzen; eine anleitung zu ihrer erkennung und bekämpfung für landwirte, gärtner, etc. pp. 637. 8°. Stuttg., Eugen Ulmer, 1890.

Kirwan, C. de. Flore forestière illustrée, arbres et arbustes, du centre de l'Europe. pp. 40. pl. 18. f°. Paris, J. Rothschild, 1872.



Kleinhoff-Topiau, Versuchsstation und lehranstalt für molkereiwesen zu. Bericht über die thätigkeit . . . während des jahrganges 1897-98. 8°. Königsberg, R. Leupold, 1898.

Köslin, Agriculturchemische versuchs- und samencontrolstation in. Bericht über die thätigkeit . . . für . . . 1897. 8°. Stettin, 1898.

Kuntze, Carl Ernst Otto. Revisio generum plantarum. pt. 3, v. 2. 8°. Leipz., Arthur Felix, 1898.

Lacerda, J. B. de. Experiencias physiologicas com algumas plantas toxicas do Brazil. pp. 34. 8°. Rio de Janeiro, Laemmert & co., 1890.

Lamb, Frank Haines. Timber wealth of Pacific North America. pp. 12. 8°. n. p., 1898.

Reprinted from Engineering magazine, Dec., 1898.

Larvaron, F. Traité théorique et pratique des engrais. pp. 221 12°. Poitiers, P. Blanchier, 1897.

Lawes, John Bennet, and Gilbert, J. H. The world's wheat supply. pp. 16. 8°. Lond., Spottiswoode & co., 1898.

Lehmann, Richard, and Petzold, W. Atlas für mittel- und oberklassen höherer lehranstalten. maps 80. fo. Bielefeld, Velhagen & Klasing, 1897.

Lindley, John. Rosarum monographia; or, A botanical history of roses, to which is added, an appendix for the use of cultivators, in which the most remarkable garden varieties are systematically arranged. New ed. pp. 156. pl. 8°. Lond., James Ridgway, 1830.

Linköping (Sweden)—Östergötlands lüns hushâllnings-sällskap. Handlingar . . . år 1898. 8°. Linköping, 1898.

Linnean society of New South Wales. Act of incorporation, rules, list of members, &c., Feb., 1898. 8°. Sydney, F. Cunninghame & co., 1898.

Linnean society of New South Wales. Proceedings, 1876-80, 1883. v. 1-4, 8. pl. 8°. Sydney, Society, 1877-80.

Lotsy, John P. De localisatie van het alcaloid in Cinchona calisaya ledgeriana en in Cinchona succirubra. pp. 128. [2 v]. Text & pl. 8° & 4°. Batavia, Landsdrukkerij, 1898. (Java—Botanisch laboratorium. Mededeelingen van de Laboratoria der gouvernement's kinaonderneming. no. 1.)

Louisiana—Auditor. Biennial report of the auditor of public accounts . . . for the years 1896 and 1897. 8°. Baton Rouge, State, 1898.

Lund (Sweden)—Universitas Lundensis (Lunds universitets). Acta (Års-skrift), 1898. v. 34. pl. 4°. Lund, 1898.

Luria, Schmera. Ueber die einwirkung von bromwasserstoffsäure auf gebromte nitrile. Inaugural-dissertation. pp. 36. 8°. Karlsruhe, 1898.

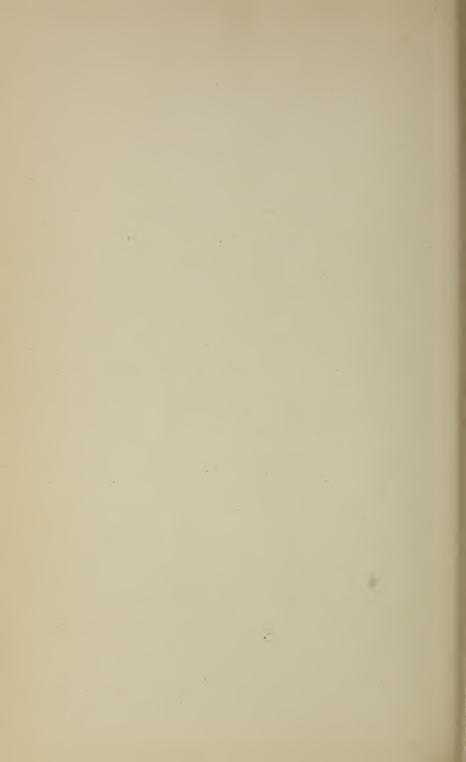
Lydekker, Richard. Hand-book to the Marsupialia and Monotremata. pp. 302. pl. 12°. Lond., W. H. Allen & co., limited, 1894. (ALLEN'S naturalist's library.)

McEachran, Duncan. Report of a visit to Great Britain and the continent of Europe in the winter of 1897-98. pp. 64. 8°. Ottawa, Government, 1898. (CANADA—Agriculture, Department of. [Publications.])

Magdeburg, Naturwissenschaftlicher verein in. Jahresbericht und abhandlungen, 1896-98. il. 8°. Magdeburg, A. & R. Faber, 1898.

Maine—Industrial and labor statistics, Bureau of. 12th annual report . . . 1898. il. 8°. Augusta, State, 1898.

Maire, Albert. Manuel pratique du bibliothécaire, bibliothèques publiques, bibliothèques universitaires, bibliothèques privées, suivi . . . d'un lexique des termes du livre . . . des lois, décrets, etc., concernant les bibliothèques universitaires, de 1837 à 1894. pp. 591. il. 8°. Paris, Alphonse Picard & fils, 1896.



Marchand, Henry. Les concours agricoles. pp.172. 8°. Paris, Georges Carré & C. Naud, 1899.

Martiny, Benno. Der wassergehalt der butter. pp. [191]. 8°. Berl., Paul Parey, 1898.

Sonderabdruck aus "Landwirtschaftliche jahrbüeher," 1898.

Mason, William Pitt. Examination of water (chemical and bacteriological). pp. 135. il. pl. 12°. N.Y., John Wiley & sons, 1899.

Masters, Maxwell Tylden. On the conifers of Japan. pp. [52]. il. pl. 8°. Lond., 1881.

From Journal of the Linnean society. Botany. v. 18. pp. 473-524.

Maumené, E. J. Comment s'obtient le bon vin; manuel du vinifacteur. pp. 238. il. 8°. Paris, Société d'éditions scientifiques, 1894. (ENCYCLOPÉDIE des connaissances pratiques. v. 3.)

Mayr, Heinrich. Die waldungen von Nordamerika, ihre holzarten, deren anbaufähigkeit und forstlicher werth für Europa im allgemeinen und Deutschland insbesonders. pp. 448. pl. 12. 8°. München, Gustav Himmer, 1890.

Meldola, Raphael. Chemistry of photography. pp. 382. 12°. Lond., Macmillan & co., 1891. (NATURE series.)

Mendeléeff, Dmitri. Principles of chemistry, translated from the Russian (sixth edition), by George Kamensky, edited by T. A. Lawson. 2 v. il. 8°. Lond., Longmans, Green & co., 1897.

Merriman, Mansfield, and Woodward, R. S. Higher mathematics; a text-book for classical and engineering colleges. Ed. 2. pp. 576. 8°. N. Y., John Wiley & sons. 1898.

Mexico—Fomento, colonización é industria, Secretaría de—Estadística, Dirección general de. Boletín demográfico de la república Mexicana, 1897. no. 2. f°. México, Government, 1898.

Mexico—Fomento, colonización e industria, Secretaría de—Estadística, Dirección general de. Censo general de la república Mexicana, 1895. fo. México, Government, 1898.

Contents:-Censo del estado de Puebla.

Michie, Christopher Young. Practice of forestry. pp. 315. il. 12°. Edinb., William Blackwood & sons, 1888.

Michigan state millers' association. [Proceedings at] summer meeting, June 21, 1898. 8°. n.p., n.d.

Minnesota state dairy and food commissioner. Official state creamery and cheese factory directory and dairy map of Minnesota. pp. 27. map. 8°. n. p., 1898.

Mitscherlich, Alfred. Beurteilung der physikalischen eigenschaften des ackerbodens, mit hilfe seiner benetzungswärme. Inaugural-dissertation. pp. 52. pl. 2. 8°. Kiel, A. F. Jensen, 1898.

Mittheilungen aus Justus Perthes' geographischer anstalt, 1855-94. v. [1]-40. maps.  $4^{\circ}$ . Gotha, Justus Perthes, n. d.

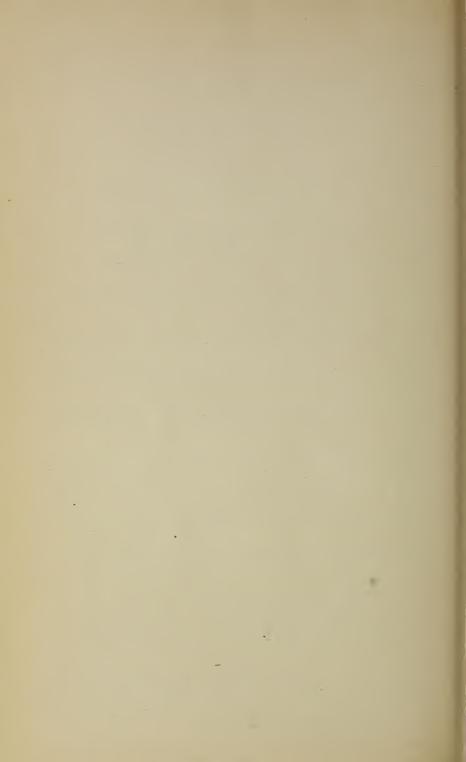
- Ergänzungsband, 1-25, heft 116, 1860-95. 4°. Gotha, Justus Perthes, 1860-95.
- —— Inhaltsverzeichniss, 1865-74, 1875-84. 4°. Gotha, Justus Perthes, 1877-86.

v. 1-24, 1855-78, edited by A. Petermann.

v. 25-40, 1879-94, title reads, "Dr. A. Petermann's mittheilungen aus Justus Perthes' geographischer anstalt."

Montana—Treasurer. Biennial report, 1897-98. 8°. Helena, State, 1898.

Moore, David, and More, A. G. Contributions towards a Cybele Hibernica; being outlines of the geographical distribution of plants in Ireland; 2d edition, founded on the papers of the late A. G. More, by Nathaniel Colgan and R. W. Scully. pp. 538. map. 8°. Dublin, Edward Ponsonby, 1898.



Murray, Andrew. Notes upon Californian trees. pt. l. pl. 8°. Edinb., Neill & co., 1859.

From the Edinburgh new philosophical journal, new series, July. 1859.

Murray, Andrew. On the synonymy of various conifers. pt. l. il. 8°. Lond., Bradbury & Evans, 1863.

Reprinted from the Proceedings of the Royal horticultural society, 1863.

Murray, J. Alan. Report on experimental manuring, 1897. pp. 28. 12°. Aberystwyth, n. d. (University college of Wales, Aberystwyth. [Publications.])

Nagai, Shinkizi. Die landwirthschaft Japans; ihre gegenwart und ihre zukunft. pp. 98. 8°. Dresden, G. Schönfeld, 1887.

Naturaliste (Le), revue illustrée des sciences naturelles, Jan. 1, 1894-Dec. 15, 1898. années 16-20. il. f°. Paris, 1894-98.

Nebraska irrigation annual, 1897; a suggestive hand-book for the progressive citizen, farmer, and business man, containing a stenographic report of the Proceedings of the 4th annual convention of the Nebraska irrigation association. no. 2. pp. 217. il. pl. 8<sup>5</sup>. Lincoln, A. G. Wolfenbarger, 1897.

Nessler, J. Düngerlehre für landwirtschafts- und ländl.-fortbildungsschulen, sowie zum selbstunterricht. pp. 47. il. 8°. Bühl, Verlag der aktiengesellschaft Konkordia, 1897.

Newark, N. J.—Public health, Department of. Annual report, 1897. 8°. Newark, 1898.

New Hampshire—Equalization, State board of. Valuation and taxation of the State of New Hampshire, with equalization and apportionment for the year 1898. 8°. Manchester, State, 1898.

New Jersey—Geological survey. Annual report of the State geologist for the year 1897. il. pl. 8°. Trenton, State, 1898.

New South Wales—Labor bureau. Annual report for year ending 30th June, 1898. fo. [Sydney, Government, 1898.]

New South Wales—Mines and agriculture, Department of. Agriculture and forestry, report on, to 31st December, 1897. fo. [Sydney, 1898.]

New South Wales—Statistician. Statistical register for 1897 and previous years. 8°. Sydney, Government, 1898.

New York (city)—Central Park, Commissioners of. 1st annual report on the improvement of Central Park, N. Y., Jan. 1, 1857. pl. maps. 8°. N. Y., 1857.

New York (city)—Central Park, Board of commissioners of. 2d-13th annual reports, 1858-69. il. pl. maps. 8°. N.Y., 1859-70.

New York (city), Mercantile library association of. 78th annual report of the board of direction . . . for the year 1898. 8°. n.p., n.d.

New York (state)—Agricultural experiment station. 16th annual report... for the year 1897. pl. 8°. Albany, State, 1898.

New York (state)—Botanist. Report, 1897. [2 v]. Text & pl. 8° & 4°. Albany, State, 1898.

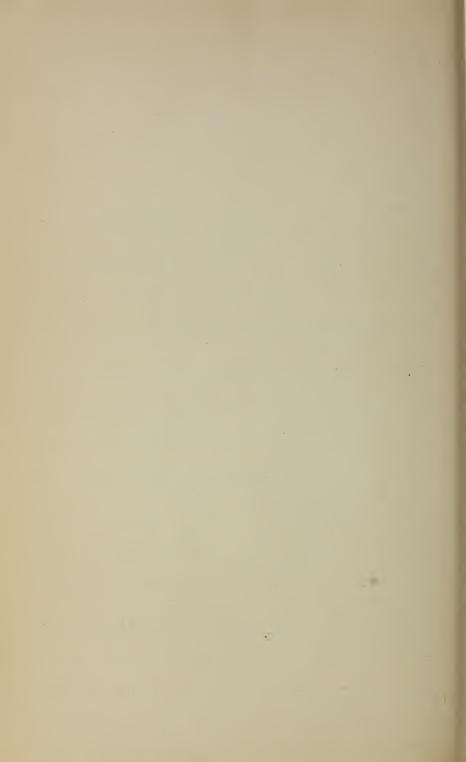
Reprinted from 51st annual report of the New York state museum.

New York (state)—Library. Legislation by states in 1898; 9th annual comparative summary and index. 8°. Albany, University of the state of N.Y., 1899. (State library bulletin; legislation. no. 10.)

New York (state)—Forest preserve board. 2d annual report, 1898. 8°. Albany, 1899.

New York (state)—Museum. Bulletin. no. 19-23. il. pl. 8°. Albany, University of the state of N. Y., 1898.

Contents:—no. 19. Guide to the study of the geological collections of the New York state museum.—no. 20. Eim-leaf beetle in New York state.—no. 21. Geology of the Lake Placid region.—no. 22. Earthenware of the New York aborigines.—no. 23. 14th report of the state entomologists.



New Zealand—Agriculture, Department of—Biology and pomology, Division of. Reports, 1897–98. 8°. Wellington, Government, 1898.

Extract from Report of Department of agriculture, 1898.

New Zealand loan and mercantile agency company. Annual review of the Christ church wool, grain, and stock markets, 1898. 8°. Christ church, n. d.

Nisbet, John. British forest trees and their sylvicultural characteristics and treatment. pp. 352. 12°. Lond., Macmillan & co., 1893.

Nocard, Ed., and Leclainche, E. Les maladies microbiennes des animaux. Ed.2. pp. 958. 8°. Paris, Masson & cie., 1898.

Norman, John Henry. Reckoner of the foreign and colonial exchanges between seven currency intermediaries, for the traveller, trader, and financier. pp. 54. 8°. Lond., Sampson Low, Marston & co., 1898.

North Carolina—Agricultural experiment station. 11th biennial report for the two years ending Dec. 31, 1898. 8°. Raleigh, State, 1899.

Norway—Statistisk central bureau. Statistisk aarbog for kongeriget Norge, 1898. aargang 18. 8°. Kristiania, Government, 1898.

Nova Scotia—Agriculture, Secretary for. Annual report... for the year 1898. 8°. Halifax, Government, 1899.

Nova Scotia—Fruit growers' association. 34th annual report, 1898. 8°. Halifax, 1898.

Ober, Frederick Albion. Puerto Rico and its resources. pp. 282. pl. map.  $12^{\circ}$ . N. Y., D. Appleton & co., 1899.

Ohio—Agriculture, State board of. Official report on commercial fertilizers licensed to be sold...during...1898. 8°. Columbus, State, 1899.

Ohio Poland-China record company. Ohio Poland-China record. v. 20. il. 8°. Dayton, O., 1898.

Ohlmüller, Wilhelm. Guide pratique pour l'analyse de l'eau, analyse chimique, micrographique et bactériologique, traduit d'après la deuxième édition allemande par L. Gautier. pp. 296. il. l pl. 8°. Paris, Baudry & cie., 1898.

Ohlsen, Carlo. Stand der frage eines internationalen vogelschutzes . . . vortrag gehalten bei dem internationalen vogelschutz congress zu Graz im August, 1898. pp. 9. 8°. Graz, Author, 1899.

Olmsted, Frederick Law. Spoils of the Park; with a few leaves from the deepladen notebooks of "a wholly unpractical man." pp. 57. 8°. n. p., 1882.

[Olmsted & Vaux.] Two letters to the President of the Department of public parks, New York city, on recent changes and projected changes in the Central Park. pp. 49. 8°. [N. Y.], city, 1872.

Ontario—Agriculture, Department of. Ontario, premier province of Canada; description of the country, its resources and development, glimpses of its scenery, attractions for tourist, sportsman, and settler. Ed. 2. pp. 151. il. 8°. Toronto, Government, 1897.

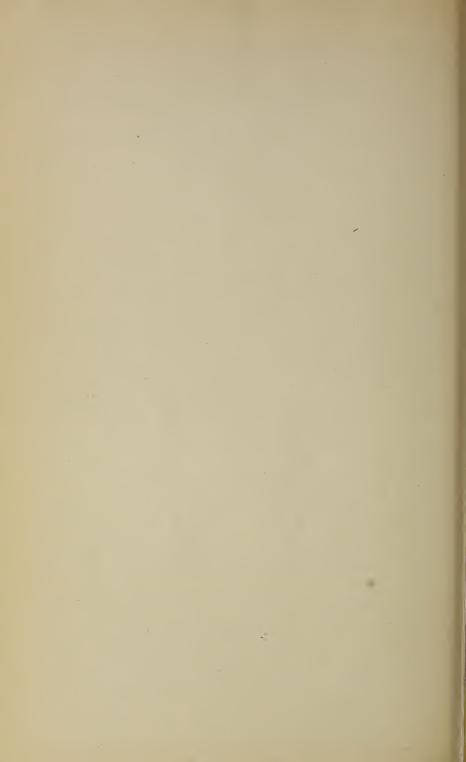
Ontario—Farmers' institutes, Superintendent of. Report, 1897-98. 8°. Toronto, Government, 1898.

Ontario—Lire stock associations. Annual reports, 1897-98. 8°. Toronto, Government, 1898.

Ontario—Public works, Commissioner of. Report, 1898. 8°. Toronto, Government, 1899.

Ontario—Registrar-general. Report relating to the registration of births, marriages, and deaths in the province of Ontario, for the year ending 31st Dec., 1897. 8°. Toronto, Government, 1899.

Oppel, A. Wirtschaftsgeographische reise durch die Vereinigten Staaten. pp. 138. 8°. Bremen, G. A. von Halem, 1899.



Oswald, Felix Leopold. Preservation of forests. pp. [12]. 8°. [Boston, 1878.] From North American review, v. 128, pp. 35-46.

Otto, Richard. Grundzüge der agrikulturchemie. teil 1. Atmosphäre und boden. pp. 160. 8°. Berl., Paul Parey, 1898. (LANDWIRTSCHAFTLICHE unterrichtsbücher).

Parloa, Maria. Home economics; a guide to household management, including the proper treatment of the materials entering into the construction and furnishing of the house. pp. 378. il. 12°. N. Y., Century co., 1898.

[Pennant, Thomas.] History of quadrupeds. Ed. 3. 2 v. pl. 4°. Lond., B. & J. White, 1793.

Pennsylvania, Farmers' alliance and industrial union of. Proceedings of the 9th annual session, 1898. 8°. Waynesboro, 1899.

Persian boundary commission. Eastern Persia; an account of the journeys of the . . . commission, 1870-72. 2 v. il. pl. maps. 8°. Lond., Macmillan co., 1876.

Contents:—v. 1. Geography, with narratives; by Majors St. John, Lovett, and Euan Smith, and an introduction by Major-General Sir Frederic John Goldsmid.—v. 2. Zoology and geology; by W. T. Blanford.

Philadelphia—Fairmount Park, Commissioners of. 3d annual report, 1870. pl. maps. 8°. Phila., 1871.

Philadelphia times. Times almanac, 1899. 12°. [Phila.], n. d.

Pinchot, Gifford. Adirondack spruce; a study of the forest in Ne-Ha-Sa-Ne park, with tables of volume and yield and a working-plan for conservative lumbering. pp. 157. pl. 16°. N. Y., Critic co., 1898.

Preudhomme de Borre, Alfred. Matériaux pour la faune entomologique de la province d'Anvers. Coléoptères. 4me centurie. 8°. Bruxelles, Gustave Mayolez, 1891.

Preudhomme de Borre, Alfred. Matériaux pour la faune entomologique du Hainaut. Coléoptères. 1re-4me centurie. 8°. Bruxelles, Gustave Mayolez, 1882-89.

Principles of potash manuring. pp. 27. il. 8°. Glasgow, Carter & Pratt, 1898.

Procter, Henry Richardson. Leather industries laboratory book on analytical and experimental methods. pp. 284. il. 8°. Lond., E. & F. Spon, 1898.

Public ledger, Philadelphia, Pa. Public ledger almanae, 1899. 30th issue. 12°. Phila., n. d.

Quebec (province)—Health, Board of. 4th annual report . . . for the year ending June 30th, 1898. 8°. Quebec, Government, 1898.

Queensland—Agriculture, Department of. Annual report . . . for the year 1897-98. 8°. Brisbane, Government, 1898.

Queensland—Water supply department. 14th annual report of the hydraulic engineer on water supply, 1897-98. maps. f°. [Brisbane, Government, 1898.]

Recueil des travaux chimiques des Pays-Bas et de la Belgique. v. 1-17, no. 3. pl. 8°. Leide, A. W. Sijthoff, 1882-98.

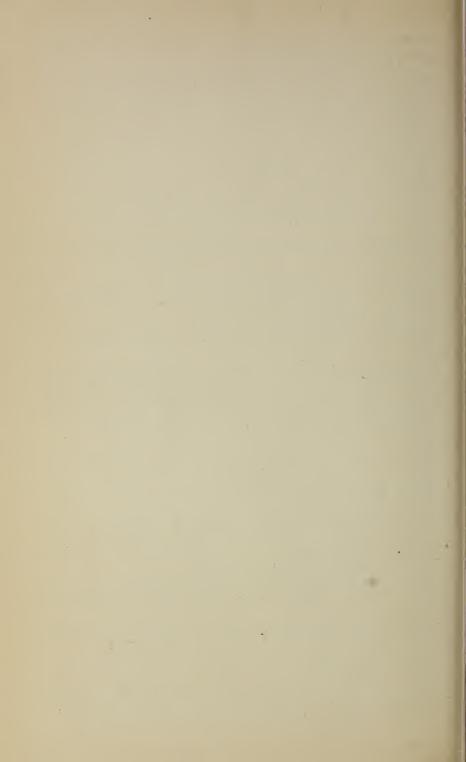
v. 1-15, title reads: Recueil des travaux chimiques des Pays-Bas.

Remsen, Ira. Principles of theoretical chemistry with special reference to the constitution of chemical compounds. Ed. 5. pp. 326. 8°. Phila., Lea bros. & co., 1897.

Remy, Theodor. Untersuchungen über das kalidüngerbedürfnis der gerste; mitteilungen aus dem Institute für gärungsgewerbe in Berlin. pp. 83. 8°. Berl., Paul Parey, 1898.

Reynolds, Sidney Hugh. Vertebrate skeleton. pp. 559. il. 12°. Camb., [Eng.], University press, 1897.

Richter, Karl. Plantæ Europææ; enumeratio systematica et synonymica plantarum phanerogamicarum in Europa sponte crescentium vel mere inquilinarum; emendavit ediditque M. Gürke. v. 2, fasc. 2. 8°. Leipz., Wilhelm Engelmann, 1899.



Richter, Victor von. Text-book of inorganic chemistry... translation by E. F. Smith; 4th revised edition from the 6th German edition. pp. 432. il. 1 pl. 12°. Phila., P. Blakiston, son & co., 1898.

Robinson, John. Ornamental trees for Massachusetts plantations. pp. [21]. 8°. Boston. State, 1881.

From the 28th annual report of the Secretary of the Mass. state board of agriculture.

Robinson, William. Gleanings from French gardens; comprising an account of such features of French horticulture as are most worthy of adoption in British gardens. Ed. 2. pp. 291. il. 12°. Lond., Frederick Warne & co., 1869.

Roscoe, Henry Enfield, and Schorlemmer, Karl. Treatise on chemistry. New ed. v. 2. il. 8°. Lond., Macmillan & co., 1897.

Roulers [Belgium], Laboratoire provincial de. Rapport sur les travaux exécutés pendant l'année 1897. 8°. Bruges, 1898.

Rümker, — von. Über gründüngung. pp. 48. 12°. Schöneberg-Berlin, F. Telge, 1898.

Rümpler, A. Die nichtzuckerstoffe der rüben in ihren beziehungen zur zuckerfabrication. pp. 523. 8°. Braunschweig, Friedrich Vieweg & sohn, 1898.

Russell, Frank. Explorations in the far north. pp. 290 pl. 8°. n., p., University of Iowa, 1898.

Being the Report of an expedition under the auspices of the University of Iowa during the years 1892,

Rütti [Switzerland], Molkereischule. Elfter jahresbericht . . . pro 1897-98. 8°. Bern, K. J. Wyss, 1898.

Sadebeck, Richard. Die kulturgewächse der deutschen kolonien und ihre erzeugnisse. pp. 366. il. 4°. Jena, Gustav Fischer, 1899.

St. Louis, merchants' Exchange of. Annual statement of the trade and commerce of Saint Louis for the year 1898. 8°. St. Louis, Merchants' exchange, 1899.

Salvin, Osbert, editor. Index of genera and species referred to, and an index to the plates in "The Ibis," 4th, 5th, and 6th series, 1877-94. pp. 471. 8°. Lond., Gurney & Jackson, 1897.

San Francisco—Commerce, Chamber of. 49th annual report . . . submitted to a meeting held Jan. 17, 1899. 8°. San Fran., Chamber of commerce, 1899.

Sargent, Charles Sprague. Forest fires. pp. 12. 8°. Boston, State, 1883.

Extract from the 30th annual report of the Secretary of the Mass. board of agriculture.

Sargent, Charles Sprague. Silva of North America; a description of the trees which grow naturally in North America, exclusive of Mexico. v. 12. pl. f°. Boston, Houghton, Mifflin & co., 1898.

Contents: - Coniferæ (Abietineæ after Pinus).

Savastano, Luigi. L'arboricotura negli Stati Uniti. pp. 16. 8°. Roma, 1898. Estratto dalla Nuova antologia, fasc. 16 luglio, 1898, v. 76, ser. 4.

Savastano, Luigi. Le condizioni agrumarie italiane ed estere. pp. 80. f°. Napoli, 1898.

Estratto dagli Atti del R. istituto d'incoraggiamento di Napoli, ser. 4, v. 2, no. 1.

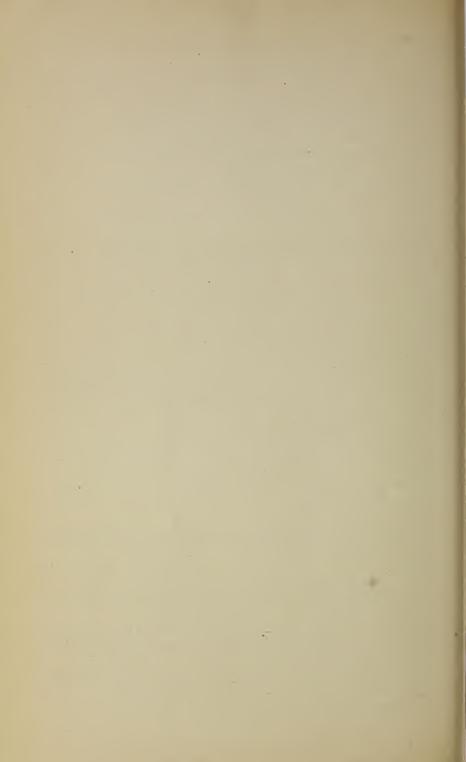
Saxony—Statistisches büreau. Zeitschrift des K. sächsischen statistischen büreaus, 1898. jahrg. 44, heft 3-4. 4°. Dresden, Government, n. d.

Schimmel & co., (Fritzsche brothers). Semi-annual report. 8°. n. p., [1898].

Schinz, Hans, editor. Beiträge zur kenntniss der afrikanischen flora. neue folge 10. 8°. Genève, Imprimerie Romet, 1899.

Schlickeysen, Gustav. Blut oder frucht; die erlösung des menschen und seine versöhnung mit sich, Natur and Gott, durch neues leben, neue religion und neue ideale; in neuer poesie. pp. 320. 12°. Jersey City, Author, 1892.

Schlickeysen, Gustav. Obst und brod; die wissenschaftliche diätetik des menschen. Ed. 2 enl. pp. 310. 12°. Jersey City, Author, 1893.



Schumann, Karl. Gesamtbeschreibung der kakteen (Monographia Cactacearum); mit einer kurzen anweisung zur pflege der kakteen, von Karl Hirscht. lief. 12-13. il. 8°. Neudamm, J. Neumann, 1898-99.

Completes the work.

Schurmann, Jacob Gould. A generation of Cornell, 1868-98; being the address given June 16th, 1898, at the 30th annual commencement of Cornell university. pp. 57. 8°. N.Y., G.P. Putnam's sons, 1898.

Seattle, Wash.—Commerce, Chamber of. Annual report, 1897. pl. 8°. Seattle, Chamber of commerce, 1897.

Seattle pocket guide, Jan., 1899. map. nar. 16°. [Seattle], 1899.

Seyfferth, A. Das schwein, sein bau, seine innern organe; bildische darstellung mit kurzem text. pp. 75. il. 12°. Fürth, G. Löwensohn, n. d.

Shire-horse society. Shire-horse studbook. v. 20. pl. 8°. Lond., Society, 1899.

Societas pro fauna et flora Fennica. Acta. v. 13-14. pl. 8°. Helsingforsiæ, 1897-98.

Societas pro fauna et flora Fennica. Meddelanden. no. 23. pl. 8°. Helsingfors, 1898.

Societas scientiarum Fennicæ. Acta. v. 22-23. il. pl. 4°. Helsingforsiæ, Ex. off typ. Societatis litterariæ Fennicæ, 1897.

Society of chemical industry—New York section. [Annual report and list of members], 1897-98. 16°. n. p., [1898].

South Australia—Agriculture, Minister of. Report for 1897-98. f. Adelaide, Government, 1898.

South Australia—Crown lands, Commissioner of. Geological map of the northern territory of South Australia. 2 sheets.  $26\frac{1}{2} \times 28\frac{1}{2}$  in. Adelaide, 1898.

South Australia—Public library, museum, and art gallery, Board of governors of. Report, 1897-98. fo. Adelaide, Government, 1898.

South Australia—Statistician. Agricultural and live stock statistics for the year ending March 31st, 1898. f°. Adelaide, Government, 1898.

South Australia—Statistician. Statistical register, 1897. f°. Adelaide, Government, 1898.

Spegazzini, Carlos. Las trufas Argentinas. pp. 8. 8°. n. p., n. d.

Steevens, G. W. Egypt in 1898. pp. 283. il. 12°. N. Y., Dodd, Mead & co., 1898.

Stewart, Henry. Domestic sheep; its culture and general management. pp. 371. il. 12°. Chicago, American sheep breeder press, 1898.

Stockholms läns hushållningssällskaps frökontrollanstalt. Redogörelse for verksamheten, 1897-98. 8°. Stockholm, 1899.

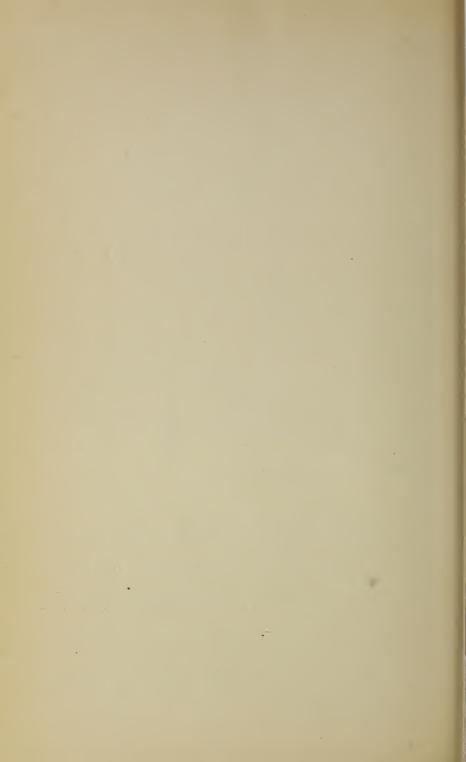
Stoll, Otto. Guatemala; reisen und schilderungen aus den jahren 1878-83. pp. 518. il. pl. maps. 8°. Leipz., F. A. Brockhaus, 1886.

Sutton, Francis. Systematic handbook of volumetric analysis; or, The quantitative estimation of chemical substances by measure. Ed. 7 enl. pp. 587. il. 8°. Lond., J. & A. Churchill, 1896.

Sweden—Statistiska centralbyrån. Jordbruk och boskapsskötsel [no.] 33; hushållningssällskapens berättelser för år 1897. f°. Stockholm, Government, 1898. (Bidrag till Sveriges officiela statistik. [series] N.)

Sweden—Statistiska centralbyrån. Jordbruk och boskapsskötsel; sammandrag af kungl. maj:ts befallningshafvandes årsväxtberättelser för år 1898. f°. Stockholm, Government, 1898. (Bidrag till Sveriges officiela statistik. [series] N.)

18303—No. 27——3



Switzerland—Schweizerische landeskunde, Centralkommission für. Bibliographie der schweizerischen landeskunde. fasc. V9c. pp. 57. 8°. Bern, K. J. Wyss, 1898. Contents:—Fischerei.

Tasmania—Statistician. Statistics of the colony of Tasmania for the year 1897. f°. [Hobart], Government, 1898.

Thiele, Paul. Der maisbau; eine anleitung zur kultur, pflege und züchtung des maises, nebst beschreibung und abbildung anbauwürdiger maissorten. pp. 152. il. 8°. Stuttg., Eugen Ulmer, 1899.

Thierry, Émile. Les vaches laitières. pp. 352. il. 12°. Paris, J. B. Baillière & fils, 1895. (BIBLIOTHÈQUE des connaissances utiles.)

Thompson, Ernest Seton. Wild animals I have known... being the personal adventures of Lobo, Silverspot, Raggylug, Bingo, the Springfield fox, the pacing mustang, Wully, and Redruff. pp. 358. il. pl. 8°. N. Y., Charles Scribner's sons. 1898.

Thompson, J. L. Channel Islands breeds of cattle. pp. 7. pl. 8°. Sydney, Government, 1896. (New South Wales—Agriculture, Department of. Miscellaneous publication. no. 108.)

Thompson, J. L. Cheese-making on the Canadian Cheddar principle. pp. 3. 8°. Sydney, Government, 1896. (New South Wales—Agriculture, Department of. Miscellaneous publication. no. 118.)

Thompson, J. L. Dairy notes. pp. 6. 8°. Sydney, Government, 1896. (NEW SOUTH WALES—Agriculture, Department of. Miscellaneous publication. no. 125.)

Thompson, J. L. Ensilage up to date. pp. 39. il. 8°. Sydney, Government. 1898. (New South Wales—Agriculture, Department of. Miscellaneous publication, no. 205.)

Thompson, J. L. Holstein or Frisian cattle. pp. 3. pl. 8°. Sydney, Government, 1896. (New South Wales—Agriculture, Department of. [Publications.])

Thompson, J. L. New labour-saving implements; the Spalding-Robbins steel-frame rotary disc plough. pp. 3. il. 8°. Sydney, Government, 1898. (New South Wales—Agriculture, Department of. Miscellaneous publication. no. 262.)

Thompson, J. L. Stud cattle-breeding. pp. 8. 8°. Sydney, Government, 1895. (New South Wales—Agriculture, Department of. [Publications.])

Thompson, J. L. Winter food for dairy cows. pp. 11. il. 8°. Sydney, Government, 1894. (New South Wales—Agriculture, Department of. [Publications.])

Threlfall, Richard. On laboratory arts. pp. 338. il. 12°. Lond., Macmillan & co., 1898.

Tokyo-Imperial university. Calendar, 1897-98. pp. 350. 12°. Tokyo University, 1898.

Toronto, Canada—Trade, Board of. Annual report, 1898. 8°. Toronto, Board of trade. n. d.

Torres, José Luis. Cartilla de agricultura del Perú. pp. 344. 8°. Lima, Perú, Imprenta de "El comercio," 1896.

Tovey's official brewers' and maltsters' directory of the United States and Canada, 1899. 24°. N.Y., Brewers' journal, n. d.

Townsend, George H., and others. Relation of food to health and premature death. [Ed. 2.] pp. 427. 8°. St. Louis, Witt pub. co., 1898.

Traube, Isidor. Physico-chemical methods; authorized translation by W. L. Hardin. pp. 238. il. 8°. Phila., P. Blakiston's sons & co., 1898.

**Tribune association**, N. Y. Tribune almanac and political register for 1899. 12°. N. Y., 1899.

Tricker, William. Water garden, embracing . . . cultural directions for all ornamental aquatics. pp. 120. il. pl. 9. 4°. N. Y., A. T. De La Mare, 1897.

\*

Troncet, L. J. Le jardin d'agrément. [Ed. 2.] pp. 180. il. 8°. Paris, Librairie Larousse, n. d.

Troncet, L. J. Le jardin potager. pp. 181. il. 8°. Paris, Librairie Larousse, n. d.

Troncet, L. J., and Deliège, E. Arboriculture pratique. [Ed. 3.] pp. 163. il. 8°. Paris, Librairie Larousse, n. d.

Ulzer, Ferdinand, and Fränkel, A. Introduction to chemical-technical analysis; authorized translation, with appendix by the translator, Hermann Fleck. pp. 188. il. 8°. Phila., P. Blakiston's sons & co., 1898.

Universal postal union. Convention of Washington, June 15, 1897. pp. 121. 8°. n. p., n. d.

Universidad mayor de San Marcos. Anales de la Universidad mayor de San Marcos de Lima, 1897. v. 25. 8°. Lima, 1898.

Uruguay—Estadística, Dirección general de. Anuario estadístico de la república oriental del Uruguay, 1897. 4°. Montevideo, Government, 1898.

Utah—Engineer. 1st biennial report of the State engineer, 1897-98. il. 8°. Salt Lake City, State, 1899.

**Vermont**—Agricultural experiment station. 11th annual report, 1897-98. il. pl. 8°. Montpelier, State, 1898.

Verzeichniss der neu erschienenen und neu aufgelegten bücher, landkarten, &c., herausgegeben von der J. C. Hinrichs'schen buchhandlung, 1886-97. 12°. Leipz., 1886-97.

Vogl, August Emil. Die wichtigsten vegetabilischen nahrungs- und genussmittel, mit besonderer berücksichtigung der mikroskopischen untersuchung auf ihre echtheit, ihre verunreinigung und verfälschungen. pp. 575. il. 8°. Berl., Urban & Schwarzenberg, 1899.

**Volkens**, Georg. Der Kilimandscharo; darstellung der allgemeineren ergebnisse eines fünfzehnmonatigen aufenthalts im Dschaggalande. pp. 388. il.  $4^{\circ}$ . Berl., Dietrich Reimer, 1897.

Voorhees, Edward B. Fertilizers. pp. 335. 12°. N. Y., Macmillan co., 1898.

Wallace, Alfred Russell. Epping forest. pp. [11]. 8°. [Boston, 1878.] From Littell's living age, v. 139, pp. 707-717.

Ward, Harry Marshall. The oak; a popular introduction to forest botany. pp. 175. il. pl. 12°. Lond., Kegan, Paul, Trench, Trübner & co., 1892. (Modern science. v.3.)

Ward, Harry Marshall. Timber and some of its diseases. pp.295. il. 12°. Londan., Macmillan & co., 1897. (NATURE series.)

Wattenwyl, J. von. Les syndicats d'élevage du bétail; leur but, leur organisation et leur développement. pp. 43. 8°. Lausanne, Georges Bridel & cie., 1890.

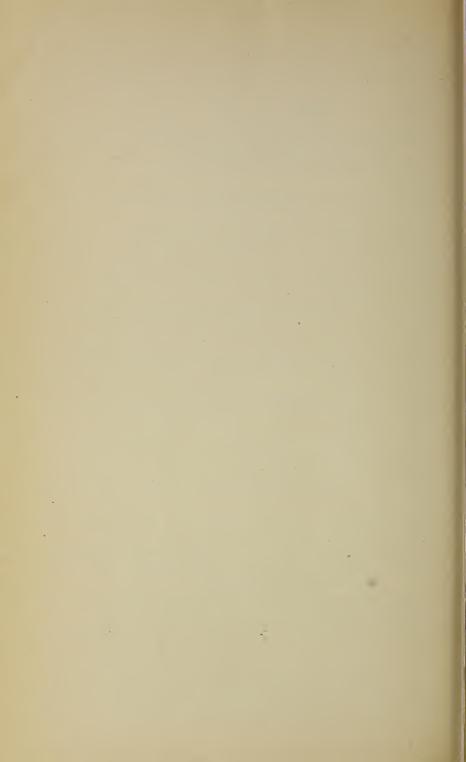
Webster, Angus D. Hardy ornamental flowering trees and shrubs. Ed.2. pp. 140. 8°. Lond., "Gardening world" office, 1897.

Webster, Arthur Gordon. Theory of electricity and magnetism; being lectures on mathematical physics. pp. 576. 8°. Lond., Macmillan & co., 1897.

Western Australia—Woods and forests department. Annual progress report for the financial year 1897-98; by J. Ednie-Brown. map. f°. Perth, Government, 1898.

Who's who, 1899; an annual biographical dictionary, edited by Douglas Sladen. v. 51. 12°. Lond., Adam & Charles Black, 1899.

Wildeman, Ém. de, and Durand, Théophile. Illustrations de la flore du Congo. Tome 1, fasc. 1-2. pl. f°. Bruxelles, Charles Vande Weghe, 1898. (Congo Free State—Musée du Congo. Annales. sér. :. Botanique.)



Wood, Thomas Barlow. Ist annual report of field and feeding experiments carried out in the counties of Norfolk, West Suffolk, Cambridgeshire, Isle of Ely, and Norhamptonshire in . . . 1897. 8°. Cambridge, J. Webb & co., 1898. (Cambridge and counties agricultural education scheme.)

World almanac and encyclopædia, 1899. il. pl. 12°. N.Y., The world, 1899.

Wulp, F. M. van der, and Meijere, J. C. H. de. Nieuwe naamlijst van nederlandsche Diptera. pp. 149. 8°. 's Gravenhage, Martinus Nijhoff, 1898.

Uitgegeven door de Nederlandsche entomologische vereeniging als Bijvoegsel tot deel 41 van het Tijdschrift voor entomologie.

Wyoming—Engineer. 4th biennial report of the State engineer... for the years 1897 and 1898. pl. 8°. Cheyenne, State, 1898.

Yale university. Catalogue, 1898-99. 12°. New Haven, Tuttle, Morehouse & Taylor press, 1898.

